INSTALLATION PROCEDURE

Connect the serial cable to the UPS and computer serial port.
Connect the AC plug of UPS into an AC source.
Kindly charge UPS battery for 12 hours when plugged into AC source for first time.
Turn ON the AC source and switch ON the UPS ON/OFF switch.

OPERATION

Start-up, mains available
Press switch, LED “1” (green) would be continuously on.
Then the equipment connected to the UPS can be switched on.

Start-up, mains not available
If the mains input is absent (power cord not connected, or mains failure):
Press switch, LED “3”(red) would illuminates
The UPS would be on battery mode and discharge the batteries

Switch off
Press switch

ALARM INFORMATION

LED display and buzzer beeping information

YELLOW	GREEN	RED	UPS STATUS
ON	OFF	OFF	AC normal; charging battery
ON	ON	OFF	AC mode
OFF	OFF	Blinking	AC abnormal; battery mode
OFF	OFF	ON	Low battery voltage/overload/short circuit
OFF	OFF	OFF	Finish discharging, turn to sleep mode

BUZZER	UPS STATUS
No beeps	UPS normal, AC mode
Once every 5s	AC abnormal; UPS in battery mode
Twice other second	Battery voltage low
4 tims every 2s	Overload
Beeps continously	UPS faulty/short circuit

Specifiche Tecniche/Specifications	NST1 from 700 VA upto 1500 VA			
Modello/ Model	500VA	800VA	1 kVA	1,5 kVA
Potenza / Nominal Capacity	500VA/300W	800VA/480W	1000VA/600W	1500VA/900W
Ingresso / Input				
Tensione range / Input Voltage range	165-275Vac ± 4%			
Frequenza / Input Frequency	40 ~ 70Hz			
Uscita / Output				
Tensione/Output Voltage	220VAC±15% da rete / from mains = ±3% da batterie / battery mode			
Tolleranza Voltaggio/ Voltage Regulation	± 15%			
Frequenza/Output Frequency	46 ~ 54Hz			
Frequenza/Output Frequency (Battery Mode)	50 ± 0.5 Hz			
Sovraccarico / Overload Capability	Protezione automatico con carico > 150 % / Delayed protection when the output is > 150% overload			
Tempo di trasferimento/Transfer time	< tipico 6ms/< typical 6 ms			
Batteria/Battery				
Tipo/Battery Type	Piombo ermetico senza manutenzione / Sealed lead-acid maintenance-free 12VDC/ 7Ah			
N° monoblocchi/Numbers of Batteries	1x12V 7Ah	1x12V 9Ah	2x12V 7Ah	2x12V 9Ah
Autonomia / Backup Time (con carico tipico / at average Load)	5 min	5 min	7 min	7 min
Tempo max di ricarica/Recharge Time to 90%	< 10 ore/hours			
Segnalazioni/ Indications				
Allarmi sonori/Audible Alarm				
Alimentazione Batteria/Battery Mode	Cicalino con intermittenza lunga/Long beeping			
Bassa Tensione/Low Battery	Cicalino continuo/Continuous beeping			
Sovraccarico/Overload	Cicalino con intermittenza corta/Short Beeping			
Dimensioni/Dimensions				
LxHxP / W x H x D (mm)	95 x 158 x 312	95 x 158 x 312	124 x 223 x 372	150 x 220 x 460
Peso/Weight				
Netto con batteria/Net Weight with Battery (kgs)	6,3	6,8	12,8	13
Condizioni ambientali/Environmental				
Temperatura di funzionamento/Operating Temper	-5 ~ +40° C			
Umidità relativa/Relative Humidity	< 90% Senza condensa /< 90% (Non-Condensing)			
Allarmi sonori/Audible Alarm	<45dBA @ 1 Meter			